

PROJECT DESCRIPTION

I. GENERAL

This project involves the upgrading existing ICB to black faced LED signal heads at MD 194 and West Crum Rd in Frederick County. MD 194 is assumed to run in a North/South direction.

II. INTERSECTION OPERATION

1. The intersection shall continue to operate in a flashing mode, with yellow flashing on MD 194 and red flashing on Crum Rd/West Crum Rd.

GENERAL NOTES

1. All underground and overhead utilities shown on these plans are schematic only and may not be complete. The Contractor shall be responsible for notifying Miss Utility prior to construction so that all utilities may be located in the field. If the Contractor perceives that a conflict between the utilities and the traffic signal will occur, the Contractor shall notify the Project Engineer immediately so that the conflict may be resolved.
2. The contractor shall maintain the continuous operation of all interconnect, vehicular, pedestrian detectors, and lighting devices. If any device is damaged by the contractor, it shall be repaired within 72 hours by the contractor at no cost to the Administration after notification by the Engineer.
3. The contractor shall contact Mr. Ed Rodenhizer 72 hours prior to construction..

CONTACTS

DISTRICT

MR. DAVE COYNE
DISTRICT ENGINEER
301-624-8101

MR. JOHN CONCANNON
ASSISTANT DISTRICT ENGINEER - TRAFFIC
301-624-8140

MS. ANDREA ABEND
UTILITY ENGINEER
301-624-8115

MR. JOHN HUCHROWSKI
ASSISTANT DISTRICT ENGINEER - CONSTRUCTION
301-624-8200

MR. RAYMOND JOHNSON
ASSISTANT DISTRICT ENGINEER - MAINTENANCE
301-624-8105

OFFICE OF TRAFFIC AND SAFETY

MR. RICHARD DAFF SR.
CHIEF, TRAFFIC OPERATIONS
410-787-7630

MR. ROBERT SNYDER
ASSISTANT DIVISION CHIEF, TRAFFIC OPERATIONS
410-787-7630

MR. ED RODENHIZER
TEAM LEADER SIGNAL OPERATIONS
410-787-7650

MR. EUGENE BAILEY
TEAM LEADER SIGN OPERATIONS
410-787-7670

MS. DARLENE EIDE
SUPPLY OFFICER IV (SIGNAL SHOP WAREHOUSE)
410-787-7668

EQUIPMENT LIST

A. EQUIPMENT TO BE FURNISHED BY STATE HIGHWAY ADMINISTRATION

ITEM NO.	QUANTITY	DESCRIPTION
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B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY CONTRACTOR

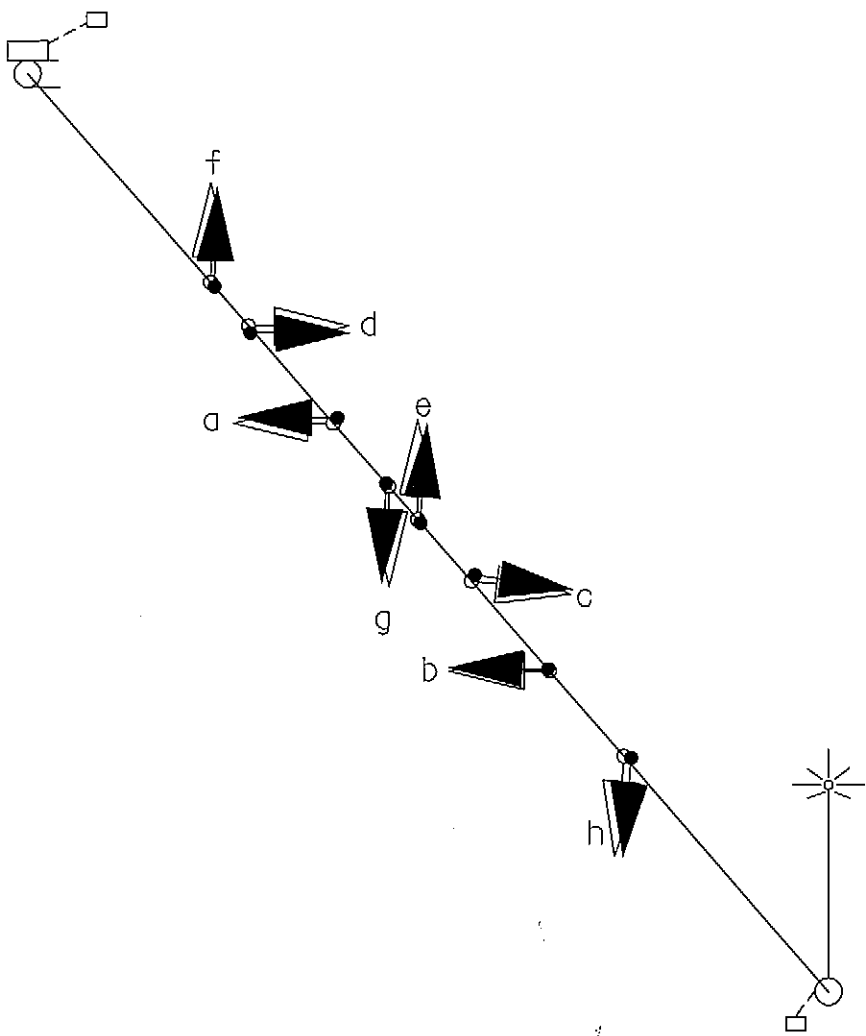
ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EA	MAINTENANCE OF TRAFFIC PER ASSIGNMENT
8001	8 EA	12 INCH (R,Y,G) LED SIGNAL HEADS
8016	1 EA	REMOVE & DISPOSE OF EQUIPMENT PER ASSIGNMENT

PHASE CHART

	1	2	3	4	5	6	7	8
	Y	Y	Y	Y	R	R	R	R
FLASHING	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R
OPERATION								

WIRING DIAGRAM

a - h Use existing wiring



TOD NO:XX449-27
SHA NO:FR631A51/B51
MD 194 @ CRUM RD/W CRUM RD



STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 194 AT CRUM RD/WEST CRUM RD

SIGNAL MODIFICATION

GENERAL INFORMATION SHEET

SCALE 1" = 20' ADVERTISED DATE 3/2009 CONTRACT NO. XX4495185

DESIGNED BY JANAY SMITH	COUNTY FREDERICK
DRAWN BY JANAY SMITH	LOGMILE 10019402.26
CHECKED BY JENNIFER BIDDLE	TIMS NO. J325
F.A.P. NO. AC-STPG-NHG-000A(269)E	TOD NO.

TS NO. 3545A	DRAWING SG - 1 OF 1	SHEET NO. 2 OF 2
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